

NSDI Strategic Plan Session

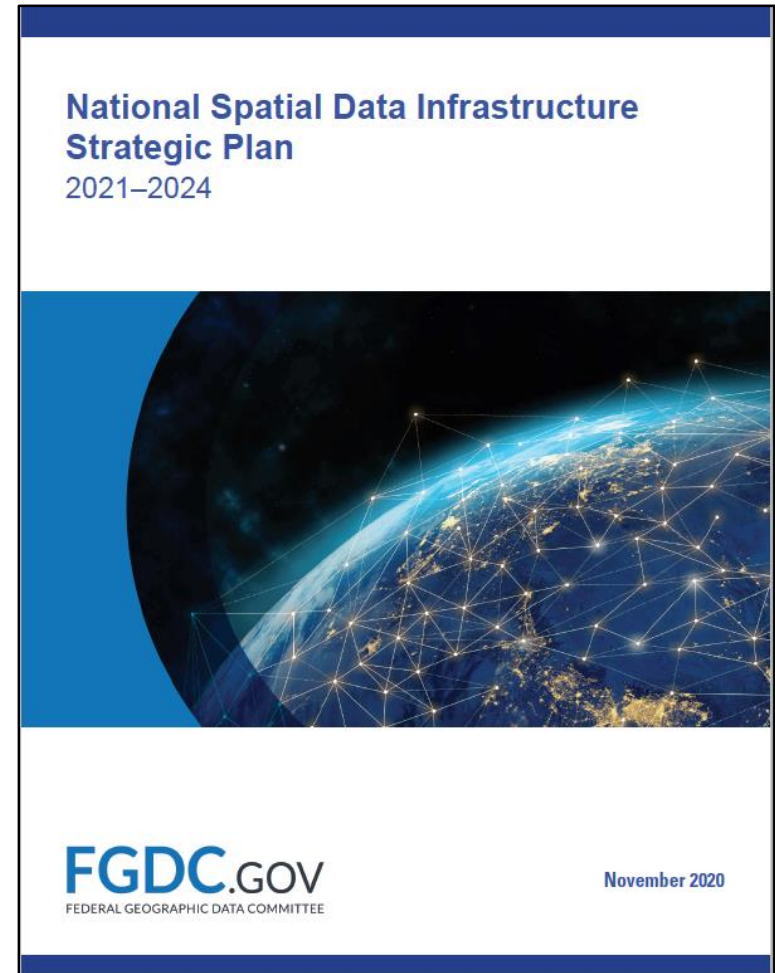


National Geospatial Advisory Committee Meeting
December 10, 2020

Recent Activities

NSDI Strategic Plan

- Final NSDI Strategic Plan approved by FGDC Steering Committee on November 5.
- Endorsed by NGAC on October 27
- Posted at:
www.fgdc.gov/nsdi-plan



Covered Agency Geospatial Strategies

- Required under Sec. 759 of GDA. Covered agencies shall:
“prepare, maintain, publish, and implement a strategy for advancing geographic information and related geospatial data and activities appropriate to the mission of the covered agency, in support of the strategic plan for the NSDI...”
- FGDC NSDI Core Team developed high-level template for agency strategies. Final version approved November 2020.
- Agencies encouraged to use the template, but can modify as needed, or may combine with other required reports
- Target date for completion of agency geospatial strategies is December 31, 2020 (approval may take longer in some agencies).

Implementation - Next Steps

Initial Implementation Milestones

NSDI Strategic Plan and Agency Geospatial Strategy Implementation

Timeframe	Activity
October 2020	NSDI strategic plan approved by the FGDC Steering Committee/endorsed by the NGAC
December 2020	FGDC covered agencies complete geospatial strategies required by the GDA (in support of the NSDI strategic plan)
March 2021	NSDI implementation plan completed

NSDI Strategic Goals

Goal 1

Implement the national geospatial policy and governance framework as defined by the Geospatial Data Act and related statutes and policies

Goal 2

Advance the maturity of, accelerate the acquisition of, and expand the sources of National Geospatial Data Assets to ensure that they are findable, accessible, interoperable, and reusable

Goal 3

Ensure open standards-based interoperability to enable geospatial shared services

Goal 4

Enable and promote collaborative governance and partnerships to meet national needs, priorities, and circumstances

NSDI Strategic Plan Goals & Objectives

Goal 1—Implement the National Geospatial Policy and Governance Framework as Defined by the Geospatial Data Act and Related Statutes and Policies	GDA-related	NGAC-related
<ul style="list-style-type: none"> Objective 1.1. Align FGDC policies with the GDA, the Federal Data Strategy, the Evidence Act, and Office of Management and Budget Circular A–16. 	X	
<ul style="list-style-type: none"> Objective 1.2. Develop FGDC guidance for agencies to implement GDA requirements. 	X	
<ul style="list-style-type: none"> Objective 1.3. Identify common approaches and tools to meet GDA and related planning and reporting requirements. 	X	
<ul style="list-style-type: none"> Objective 1.4. Review and update FGDC structure and governance processes to incorporate best practices and to align with the GDA and related statutes and policies. 	X	X

NSDI Strategic Plan Goals & Objectives

Goal 2—Advance the Maturity of, Accelerate the Acquisition of, and Expand the Sources of National Geospatial Data Assets (NGDA) To Ensure That They Are Findable, Accessible, Interoperable, and Reusable	GDA-related	NGAC-related
<ul style="list-style-type: none">• Objective 2.1. Update, validate, and streamline NGDA portfolio management practices and establish standards for NGDA data themes and associated datasets.	X	
<ul style="list-style-type: none">• Objective 2.2. Implement data acquisition and lifecycle management strategies through collaboration and ongoing outreach.	X	
<ul style="list-style-type: none">• Objective 2.3. Advance the practice of integrating government and nongovernment data into national datasets.	X	X
<ul style="list-style-type: none">• Objective 2.4. Identify, validate, and advance best practices to ensure that geospatial and other meaningful data can be easily integrated and used.	X	X

NSDI Strategic Plan Goals & Objectives

Goal 3—Ensure Open Standards-Based Interoperability To Enable Geospatial Shared Services	GDA-related	NGAC-related
<ul style="list-style-type: none"> Objective 3.1. Increase awareness and broaden the use of national shared services, including the GeoPlatform, to publish, discover, integrate, promote, visualize, analyze, and disseminate national geospatial data. Apply open standards to ensure that shared services can be improved and expanded at minimal effort and cost. 	X	X
<ul style="list-style-type: none"> Objective 3.2. Identify and test innovative information sources and technologies—including real-time data from fixed and mobile sensors, social media, and the Internet of Things—to improve national geospatial shared services capabilities. 	X	X
<ul style="list-style-type: none"> Objective 3.3. Update shared services policies and practices to improve the ability of users to discover, qualify, access, combine, and use geospatial services with geospatial data, spatial analytics, and nonspatial data. 	X	X
<ul style="list-style-type: none"> Objective 3.4. Engage with international standards organizations to ensure the continued development of a robust and effective level of interoperability to enhance geospatial data sharing, integration, and technology adoption. 	X	

NSDI Strategic Plan Goals & Objectives

Goal 4—Enable and Promote Collaborative Governance and Partnerships To Meet National Needs, Priorities, and Circumstances	GDA-related	NGAC-related
<ul style="list-style-type: none"> Objective 4.1. Collaboratively define priorities, roles, and responsibilities for the development of the NSDI as described in the GDA. 	X	X
<ul style="list-style-type: none"> Objective 4.2. Develop processes and tools, in collaboration with partners, to promote effective communication and knowledge exchange about the benefits and uses of geospatial data, technology, and the NSDI. 	X	X
<ul style="list-style-type: none"> Objective 4.3. Develop innovative partnerships across sectors to pilot-test scalable and replicable approaches to improving geospatial data creation and maintenance for national use. 	X	X
<ul style="list-style-type: none"> Objective 4.4. Promote partnerships among academia, the private sector, professional organizations, and government to ensure that the emerging workforce has the skills needed to meet the growing needs of the geospatial community. 	X	X
<ul style="list-style-type: none"> Objective 4.5. Partner with international organizations to ensure the continued development of a robust, interoperable, global spatial data infrastructure in accordance with requirements in the GDA. 	X	

Implementation Approach – Initial Steps

- Suggest continuing NGAC NSDI Subcommittee & FGDC NSDI Core Team – continue collaborative relationship
- Assess relationships among:
 - NSDI Strategic Plan goals/objectives
 - GDA responsibilities
 - NGAC study topics
 - Other factors...
- Develop high-level implementation plan
 - Prioritize & sequence implementation (2021, 2022, etc.)

Discussion / Feedback from NGAC